

Title (en)

Stirring cover for paint containers mounted on paint mixing machines

Title (de)

Rührdeckel für Farbbehälter, befestigt auf Farbrührmaschinen

Title (fr)

Couvercle agitateur pour boîtes de teintes sur les machines d'agitation de peinture

Publication

EP 0770503 A1 19970502 (FR)

Application

EP 96402049 A 19960926

Priority

FR 9512498 A 19951024

Abstract (en)

The lid has a supple peripheral seal (11) which is applied to the outer rim (13, 13') of the paint tin (5) when the agitator lid is closed. The seal comprises an annular member (17) which is fixed to the base of the lid and pressed against the paint tin rim, and an inner supple seal lip (19) which is fixed to the annular member (17) and applied to the inner rim (15, 15') of the paint tin opening when the lid is closed. The supple lip is made in one piece with the outer member of the seal, e.g. by moulding from a supple synthetic material which is resistant to paint solvents. It has a regular cross-section which tapers inwards, and slopes downwards from the outer member at an angle slightly greater than the maximum slope between the inner and outer rims, e.g. 30 degrees. The radial length of the supple lip (19) is slightly greater than the maximum radial length between the outer and inner rims, e.g. some 15 mm; it can also have an inner elastic reinforcing element.

Abstract (fr)

L'invention concerne un couvercle agitateur pour boîtes de teintes sur les machines d'agitation. Ce couvercle du type comportant à sa base un joint souple périphérique (11), destiné à être appliqué, à la fermeture du couvercle agitateur sur la boîte (5), sur le bord périphérique externe (13, 13') du rebord annulaire (7, 7') délimitant l'ouverture de la boîte (5), est caractérisé en ce que ledit joint (11) comporte une partie de corps antérieure annulaire (17) fixée à ladite base du couvercle et destinée à être appliquée à la fermeture en pression et de façon étanche sur ledit bord périphérique (13, 13') de la boîte, et une lèvre annulaire interne souple (19) solidaire de ladite partie de corps antérieure (17), coaxiale à la partie de corps (17) et destinée à être appliquée à la fermeture sur le bord interne (15, 15') du rebord annulaire (7, 7') d'ouverture de la boîte. <IMAGE>

IPC 1-7

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IPC 8 full level

B65D 51/14 (2006.01); **B01F 15/00** (2006.01); **B05B 15/00** (2006.01); **B44D 3/08** (2006.01); **B44D 3/12** (2006.01)

CPC (source: EP US)

B44D 3/08 (2013.01 - EP US); **B44D 3/127** (2013.01 - EP US)

Citation (search report)

- [X] EP 0649760 A1 19950426 - FAS SA [FR]
- [X] US 5335806 A 19940809 - DEDOES JOHN [US]
- [X] FR 2603255 A1 19880304 - SABLONS FONDERIES ATEL [FR]

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EP 0770503 A1 19970502; **EP 0770503 B1 19990210**; AT E176633 T1 19990215; BR 9605219 A 19980721; CA 2187684 A1 19970425; DE 69601523 D1 19990325; DE 69601523 T2 19990923; ES 2127611 T3 19990416; FR 2740076 A1 19970425; FR 2740076 B1 19971128; JP 3746338 B2 20060215; JP H09188351 A 19970722; TW 344674 B 19981111; US 5865336 A 19990202

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